



FIG.1

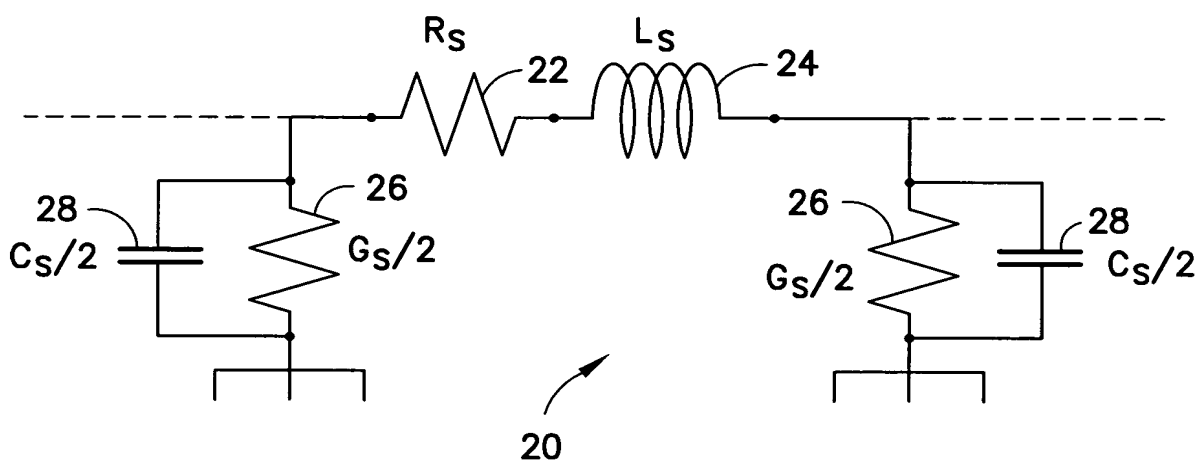


FIG.2

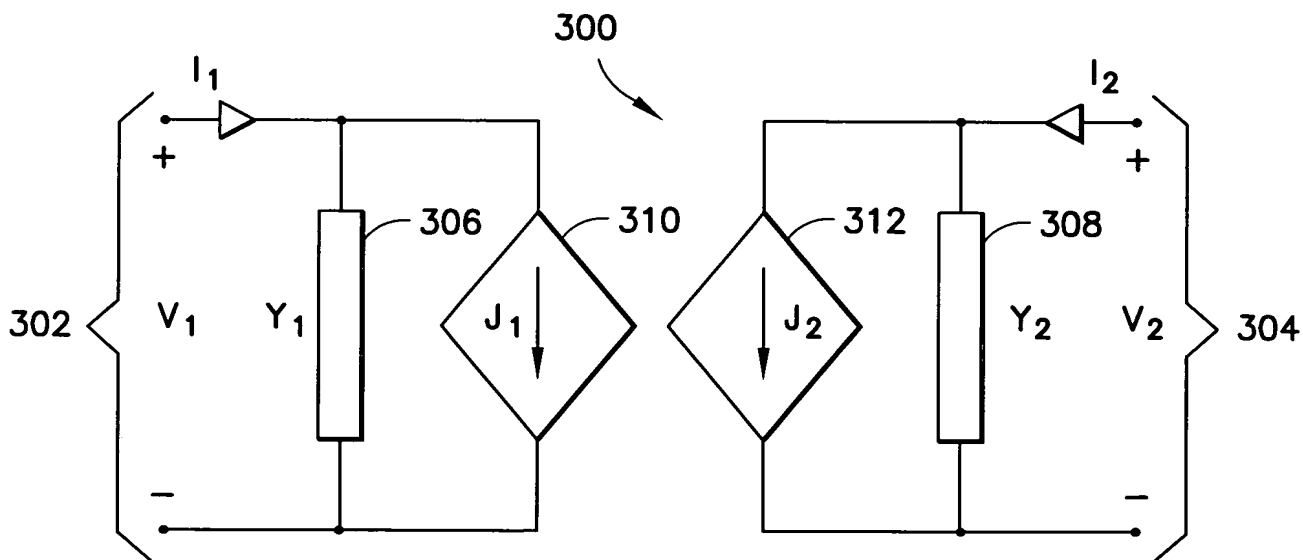
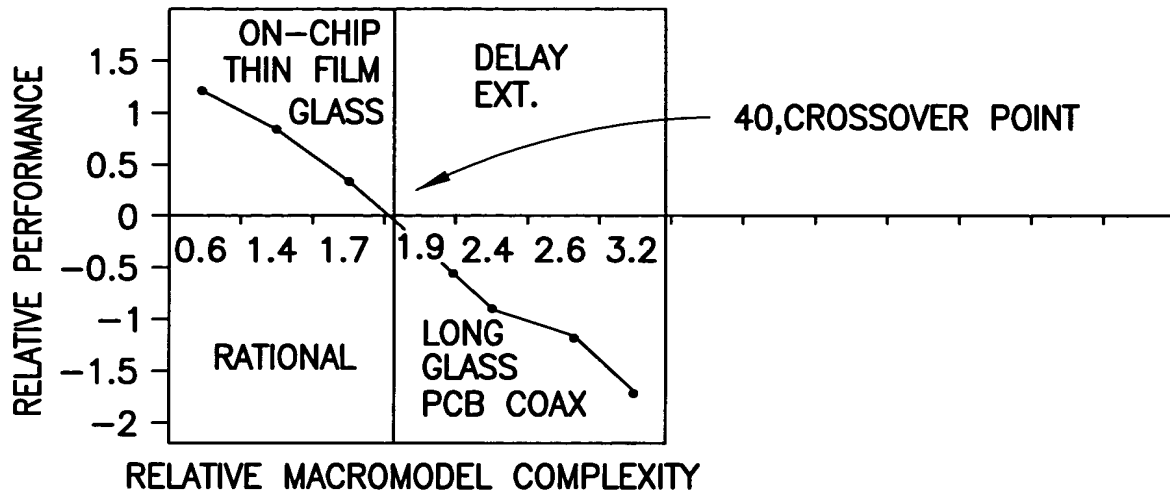


FIG.3

EFFICIENCY OF TRANSMISSION LINE MACROMODELS



RELATIVE MODEL COMPLEXITY = $\text{LOG}(\# \text{RATIONAL_NODES} / \# \text{EXT_DELAY_NODES})$
 RELATIVE PERFORMANCE = $\text{LOG}(\text{RATIONAL_CPU} / \text{EXT_DELAY_CPU})$

FIG.4

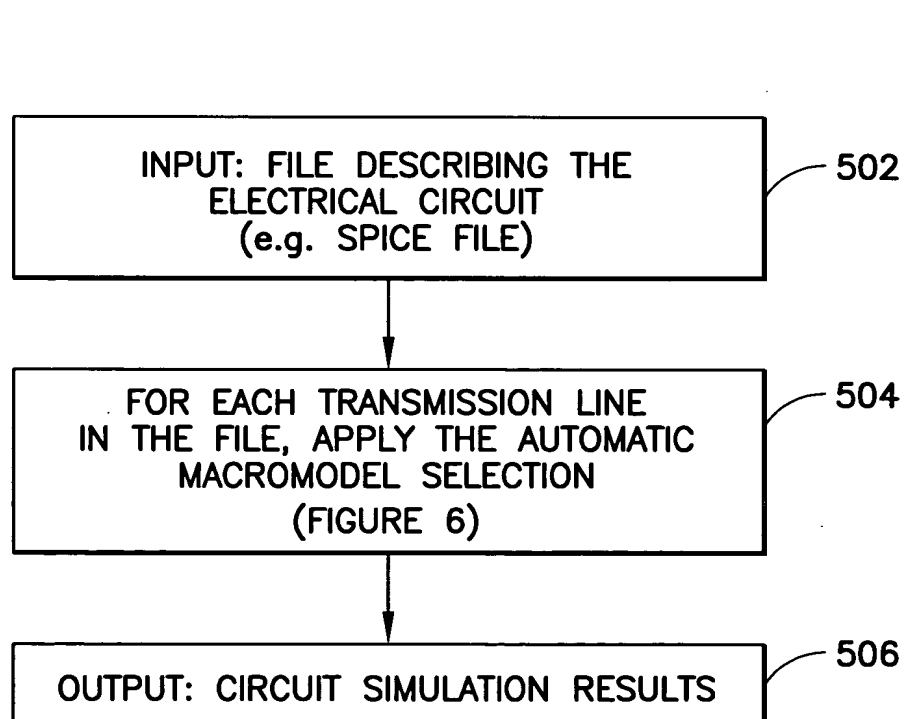


FIG.5

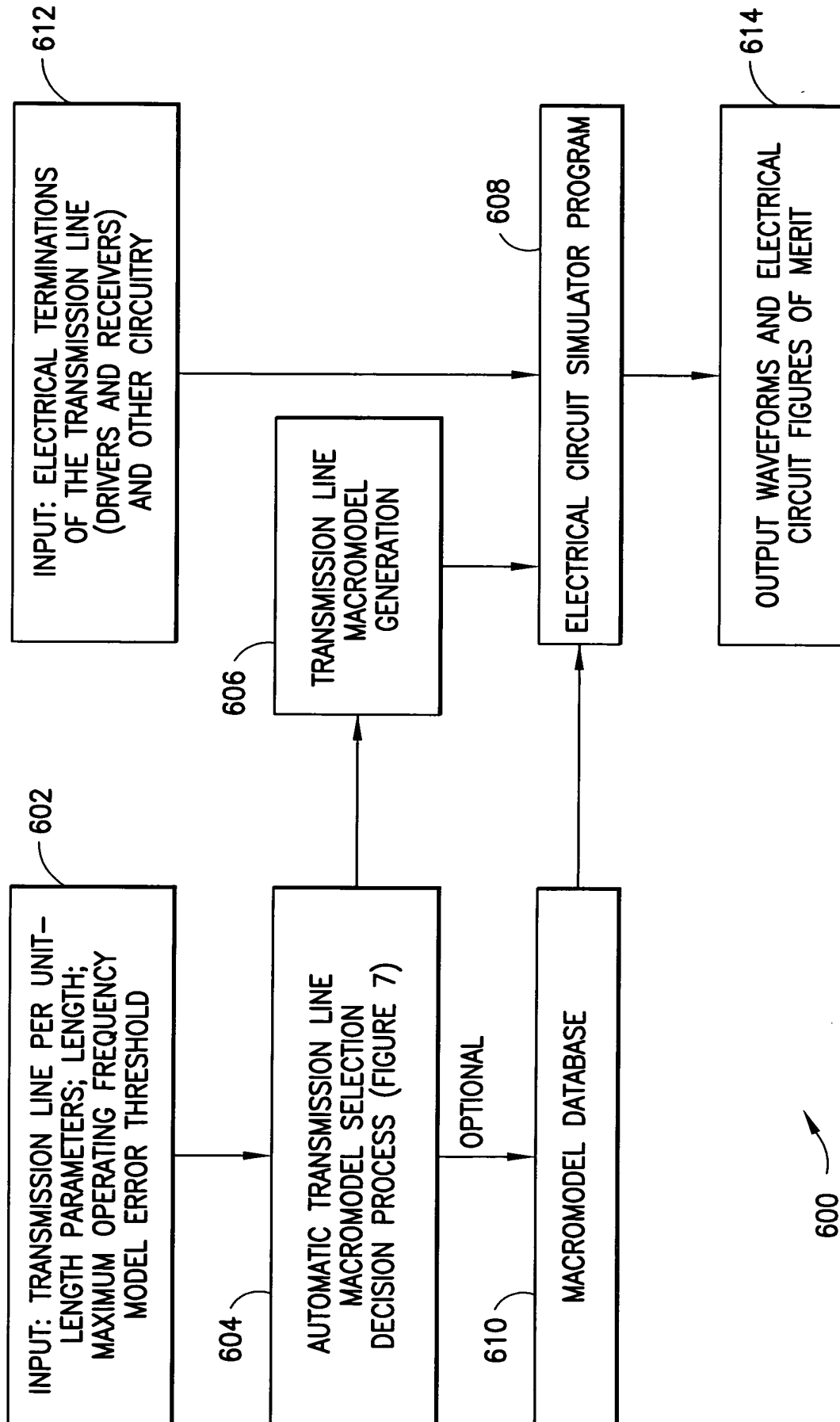


FIG.6

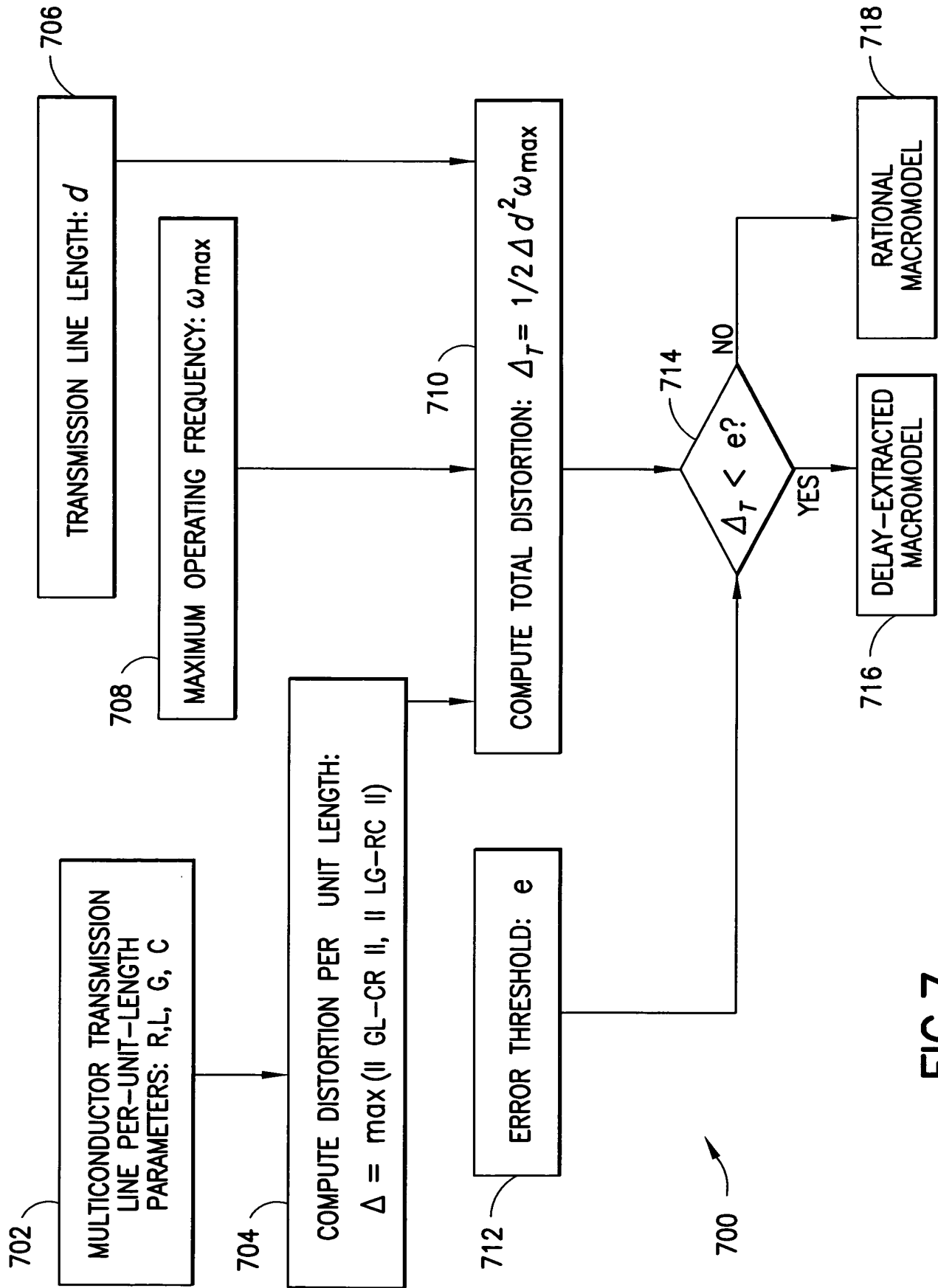


FIG.7